

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6024880").PN.	USPAT; USOCR	OR	OFF	2006/03/01 14:44
L4	17	US-4383915-\$.DID. OR US-4411774-\$.DID. OR US-4502948-\$.DID. OR US-4851601-\$.DID. OR US-5414169-\$.DID. OR US-5608136-\$.DID. OR US-5611912-\$.DID. OR US-5780696-\$.DID. OR US-5811606-\$.DID. OR US-5824193-\$.DID. OR US-5871618-\$.DID. OR US-5900155-\$.DID. OR US-5998682-\$.DID. OR US-6172275-\$.DID. OR US-6436168-\$.DID. OR US-6482371-\$.DID. OR US-6534689-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:04

## EAST Search History

L5	208	("1337408"   "1523547"   "1553141"   "1823185"   "1828429"   "1898168"   "2045216"   "2174265"   "2268706"   "2319598"   "2440680"   "2446489"   "2919245"   "3174925"   "3256177"   "3306839"   "3346483"   "3366551"   "3441628"   "3459658"   "3489245"   "3527696"   "3622505"   "3829558"   "3879282"   "3901951"   "3930988"   "3956414"   "4029569"   "4031192"   "4033859"   "4073719"   "4108730"   "4118281"   "4128140"   "4147593"   "4151072"   "4175211"   "4179019"   "4204906"   "4204946"   "4208252"   "4214110"   "4234388"   "4247389"   "4250021"   "4251500"   "4283272"   "4300009"   "4383915"   "4385985"   "4419334"   "4431523"   "4431524"   "4437976"   "4483760"   "4514285"   "4584421"   "4642401"   "4664777"   "4676887"   "4759300"   "4851601"   "4919686"   "4943352"   "4982027"   "4985134"   "5041398"   "5044334"   "5057189"   "5062500"   "5079385"   "5084140"   "5099086"   "5102556"   "5136117"   "5141628"   "5208404"   "5225081"   "5233109"   "5263445"   "5271808"   "5286349"   "5288934"   "5306419"   "5321174"   "5326919"   "5330636"   "5344306"   "5364995"   "5372614"   "5386070"   "5389691"   "5445088"   "5449496"   "5452695"   "5464503"   "5464602"   "5481052"   "5527449"   "5569801"   "5582712"   "5584969"   "5608136"   "5616160"   "5639937"   "5676842"   "5686055"   "5756871"   "5792340"   "5821395"   "5843377"   "5895827"   "5912402"   "5976355"   "5992335"   "6048380"   "6230634"   "6329496").PN. OR ("4383915"   "4411774"   "4502948"   "4851601"   "5414169"   "5608136"   "5611912"   "5780696"   "5811606"   "5824193"   "5871618"   "5900155"   "5998682"   "6172275"   "6436168"   "6482371"   "6534689").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/01 15:04
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## EAST Search History

L6	48	(L4 or L5 or 585/241.ccls.) and product with blend\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:34
L12	0	(L4 or L5 or 585/241.ccls.) and product with blend\$4 with syntheic	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:35
L13	1	(L4 or L5 or 585/241.ccls.) and product with blend\$4 with synthetic	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:35
L14	17	US-4383915-\$.DID. OR US-4411774-\$.DID. OR US-4502948-\$.DID. OR US-4851601-\$.DID. OR US-5414169-\$.DID. OR US-5608136-\$.DID. OR US-5611912-\$.DID. OR US-5780696-\$.DID. OR US-5811606-\$.DID. OR US-5824193-\$.DID. OR US-5871618-\$.DID. OR US-5900155-\$.DID. OR US-5998682-\$.DID. OR US-6172275-\$.DID. OR US-6436168-\$.DID. OR US-6482371-\$.DID. OR US-6534689-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:38

## EAST Search History

L15	208	("1337408"   "1523547"   "1553141"   "1823185"   "1828429"   "1898168"   "2045216"   "2174265"   "2268706"   "2319598"   "2440680"   "2446489"   "2919245"   "3174925"   "3256177"   "3306839"   "3346483"   "3366551"   "3441628"   "3459658"   "3489245"   "3527696"   "3622505"   "3829558"   "3879282"   "3901951"   "3930988"   "3956414"   "4029569"   "4031192"   "4033859"   "4073719"   "4108730"   "4118281"   "4128140"   "4147593"   "4151072"   "4175211"   "4179019"   "4204906"   "4204946"   "4208252"   "4214110"   "4234388"   "4247389"   "4250021"   "4251500"   "4283272"   "4300009"   "4383915"   "4385985"   "4419334"   "4431523"   "4431524"   "4437976"   "4483760"   "4514285"   "4584421"   "4642401"   "4664777"   "4676887"   "4759300"   "4851601"   "4919686"   "4943352"   "4982027"   "4985134"   "5041398"   "5044334"   "5057189"   "5062500"   "5079385"   "5084140"   "5099086"   "5102556"   "5136117"   "5141628"   "5208404"   "5225081"   "5233109"   "5263445"   "5271808"   "5286349"   "5288934"   "5306419"   "5321174"   "5326919"   "5330636"   "5344306"   "5364995"   "5372614"   "5386070"   "5389691"   "5445088"   "5449496"   "5452695"   "5464503"   "5464602"   "5481052"   "5527449"   "5569801"   "5582712"   "5584969"   "5608136"   "5616160"   "5639937"   "5676842"   "5686055"   "5756871"   "5792340"   "5821395"   "5843377"   "5895827"   "5912402"   "5976355"   "5992335"   "6048380"   "6230634"   "6329496").PN. OR ("4383915"   "4411774"   "4502948"   "4851601"   "5414169"   "5608136"   "5611912"   "5780696"   "5811606"   "5824193"   "5871618"   "5900155"   "5998682"   "6172275"   "6436168"   "6482371"   "6534689").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/01 15:38
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## EAST Search History

L16	0	(L14 or L15 or 585/241.ccls.) and (pyrolysis or pyrolize or thermal\$4 adj decompos\$4 or thermal\$4 adj crack\$4) and adsorbent and blend\$4 with product	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:38
L17	9	(L14 or L15 or 585/241.ccls.) and (pyrolysis or pyrolize or thermal\$4 adj decompos\$4 or thermal\$4 adj crack\$4) and (adsorb\$4 or filter) and blend\$4 with product	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:45
L18	6	(L14 or L15 or 585/241.ccls.) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (adsorb\$4 or filter) and blend\$4 with product	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:46
L19	9	(L14 or L15 or 585/241.ccls.) and (thermoplastic or polyethylene or polypropylene or polystyrene or plastic) and (adsorb\$4 or filter) and blend\$4 with product	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:51
L20	1	(L14 or L15 or 585/241.ccls.) and (thermoplastic or polyethylene or polypropylene or polystyrene or plastic) and (adsorb\$4 or filter) and blend\$4 with filtrat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:49
L21	1	(L14 or L15 or 585/241.ccls.) and (thermoplastic or polyethylene or polypropylene or polystyrene or plastic) and (adsorb\$4 or filter) and (mix or blend\$4) with filtrat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:51
L22	2	(L14 or L15 or 585/241.ccls.) and (mix or blend\$4) with (filtrat\$4 or product) with recycle	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:16
L23	8	(L14 or L15 or 585/241.ccls.) and (mix or blend\$4) with (filtrat\$4 or product) with (lube adj oil or lubricating adj oil or gear adj oil or fuel adj oil)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 17:17
L24	21	(L14 or L15 or 585/241.ccls.) and motor adj oil with prod\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 17:17
S1	353	585/241.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:05
S2	4	585/241.ccls. and clay and contaminant with \$4polymer\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 16:31

## EAST Search History

S3	0	585/241.ccls. and clay with \$4sorb\$4 and contaminant with \$4polymer\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 16:31
S4	0	585/241.ccls. and clay with \$4sorb\$4 and \$4polymer\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 16:32
S5	0	585/241.ccls. and clay same \$4sorb\$4 and \$4polymer\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 16:32
S6	9	585/241.ccls. and clay and \$4sorb\$4 and \$4polymer\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 16:38
S7	17	US-4383915-\$.DID. OR US-4411774-\$.DID. OR US-4502948-\$.DID. OR US-4851601-\$.DID. OR US-5414169-\$.DID. OR US-5608136-\$.DID. OR US-5611912-\$.DID. OR US-5780696-\$.DID. OR US-5811606-\$.DID. OR US-5824193-\$.DID. OR US-5871618-\$.DID. OR US-5900155-\$.DID. OR US-5998682-\$.DID. OR US-6172275-\$.DID. OR US-6436168-\$.DID. OR US-6482371-\$.DID. OR US-6534689-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 15:47

## EAST Search History

S8	208	("1337408"   "1523547"   "1553141"   "1823185"   "1828429"   "1898168"   "2045216"   "2174265"   "2268706"   "2319598"   "2440680"   "2446489"   "2919245"   "3174925"   "3256177"   "3306839"   "3346483"   "3366551"   "3441628"   "3459658"   "3489245"   "3527696"   "3622505"   "3829558"   "3879282"   "3901951"   "3930988"   "3956414"   "4029569"   "4031192"   "4033859"   "4073719"   "4108730"   "4118281"   "4128140"   "4147593"   "4151072"   "4175211"   "4179019"   "4204906"   "4204946"   "4208252"   "4214110"   "4234388"   "4247389"   "4250021"   "4251500"   "4283272"   "4300009"   "4383915"   "4385985"   "4419334"   "4431523"   "4431524"   "4437976"   "4483760"   "4514285"   "4584421"   "4642401"   "4664777"   "4676887"   "4759300"   "4851601"   "4919686"   "4943352"   "4982027"   "4985134"   "5041398"   "5044334"   "5057189"   "5062500"   "5079385"   "5084140"   "5099086"   "5102556"   "5136117"   "5141628"   "5208404"   "5225081"   "5233109"   "5263445"   "5271808"   "5286349"   "5288934"   "5306419"   "5321174"   "5326919"   "5330636"   "5344306"   "5364995"   "5372614"   "5386070"   "5389691"   "5445088"   "5449496"   "5452695"   "5464503"   "5464602"   "5481052"   "5527449"   "5569801"   "5582712"   "5584969"   "5608136"   "5616160"   "5639937"   "5676842"   "5686055"   "5756871"   "5792340"   "5821395"   "5843377"   "5895827"   "5912402"   "5976355"   "5992335"   "6048380"   "6230634"   "6329496").PN. OR ("4383915"   "4411774"   "4502948"   "4851601"   "5414169"   "5608136"   "5611912"   "5780696"   "5811606"   "5824193"   "5871618"   "5900155"   "5998682"   "6172275"   "6436168"   "6482371"   "6534689").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 16:40
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## EAST Search History

S9	55	S1 and S8	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 16:40
S10	5	S9 and clay	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 16:44
S11	0	S9 and fuller	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 16:44
S12	10	S8 and fuller	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 16:44
S13	0	S7 and S8 and fuller's adj earth and (animal adj offal or manure or crop or plant) and thermoplastic	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 17:05
S14	0	S7 and S8 and fuller's adj earth and (animal adj offal or manure or crop or plant)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 17:05
S15	1	S7 and S8 and fuller's adj earth	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 17:06
S16	18	(S7 or S8 or 585/241.ccls.) and fuller's adj earth	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 17:07
S17	1	(S7 or S8 or 585/241.ccls.) and fuller's adj earth and (animal or manure or crop or plant) and thermoplastic	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 17:08
S18	4	(S7 or S8 or 585/241.ccls.) and fuller's adj earth and (animal or manure or crop or plant)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 17:21
S19	171	(S7 or S8 or 585/241.ccls.) and (animal or manure or crop or plant)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 17:31
S20	30	(S7 or S8 or 585/241.ccls.) and (animal or manure or crop)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 17:23
S21	7	(S7 or S8 or 585/241.ccls.) and (animal or manure or crop) and clay	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 17:23
S22	18	(S7 or S8 or 585/241.ccls.) and fuller's adj earth	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 15:03



## EAST Search History

S23	17	US-4383915-\$.DID. OR US-4411774-\$.DID. OR US-4502948-\$.DID. OR US-4851601-\$.DID. OR US-5414169-\$.DID. OR US-5608136-\$.DID. OR US-5611912-\$.DID. OR US-5780696-\$.DID. OR US-5811606-\$.DID. OR US-5824193-\$.DID. OR US-5871618-\$.DID. OR US-5900155-\$.DID. OR US-5998682-\$.DID. OR US-6172275-\$.DID. OR US-6436168-\$.DID. OR US-6482371-\$.DID. OR US-6534689-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:53
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## EAST Search History

S24	208	("1337408"   "1523547"   "1553141"   "1823185"   "1828429"   "1898168"   "2045216"   "2174265"   "2268706"   "2319598"   "2440680"   "2446489"   "2919245"   "3174925"   "3256177"   "3306839"   "3346483"   "3366551"   "3441628"   "3459658"   "3489245"   "3527696"   "3622505"   "3829558"   "3879282"   "3901951"   "3930988"   "3956414"   "4029569"   "4031192"   "4033859"   "4073719"   "4108730"   "4118281"   "4128140"   "4147593"   "4151072"   "4175211"   "4179019"   "4204906"   "4204946"   "4208252"   "4214110"   "4234388"   "4247389"   "4250021"   "4251500"   "4283272"   "4300009"   "4383915"   "4385985"   "4419334"   "4431523"   "4431524"   "4437976"   "4483760"   "4514285"   "4584421"   "4642401"   "4664777"   "4676887"   "4759300"   "4851601"   "4919686"   "4943352"   "4982027"   "4985134"   "5041398"   "5044334"   "5057189"   "5062500"   "5079385"   "5084140"   "5099086"   "5102556"   "5136117"   "5141628"   "5208404"   "5225081"   "5233109"   "5263445"   "5271808"   "5286349"   "5288934"   "5306419"   "5321174"   "5326919"   "5330636"   "5344306"   "5364995"   "5372614"   "5386070"   "5389691"   "5445088"   "5449496"   "5452695"   "5464503"   "5464602"   "5481052"   "5527449"   "5569801"   "5582712"   "5584969"   "5608136"   "5616160"   "5639937"   "5676842"   "5686055"   "5756871"   "5792340"   "5821395"   "5843377"   "5895827"   "5912402"   "5976355"   "5992335"   "6048380"   "6230634"   "6329496").PN. OR ("4383915"   "4411774"   "4502948"   "4851601"   "5414169"   "5608136"   "5611912"   "5780696"   "5811606"   "5824193"   "5871618"   "5900155"   "5998682"   "6172275"   "6436168"   "6482371"   "6534689").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 11:08
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## EAST Search History

S25	3	(585/241.ccls. or S23 or S24) and thermoplastic and thermal with decomposition and clay	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:10
S26	7	(585/241.ccls. or S23 or S24) and (thermoplastic or polyethylene or polypropylene or polystyrene) and thermal with decomposition and clay	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:14
S27	3	("4542239"   "4584421"   "4982027").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 11:12
S28	1	(585/241.ccls. or S23 or S24) and (thermoplastic or polyethylene or polypropylene or polystyrene) and contact\$4 with clay	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:15
S29	1	(585/241.ccls. or S23 or S24) and (thermoplastic or polyethylene or polypropylene or polystyrene) and Fuller's adj earth	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 11:27
S30	31	(585/241.ccls. or S23 or S24) and (thermoplastic or polyethylene or polypropylene or polystyrene) and clay	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:01
S31	31	(585/241.ccls. or S23 or S24) and (thermoplastic or polyethylene or polypropylene or polystyrene) and clay	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 12:43
S32	3	(585/241.ccls. or S23 or S24) and (thermoplastic or polyethylene or polypropylene or polystyrene) and clay with (filter or filtration)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 12:45
S33	3	(585/241.ccls. or S23 or S24) and (thermoplastic or polyethylene or polypropylene or polystyrene) and clay same (filter or filtration)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 12:45
S34	5	(585/241.ccls. or S23 or S24) and (thermoplastic or polyethylene or polypropylene or polystyrene) and clay same (filter or filtration or adsorb\$4 or \$4sorb\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 12:57
S35	31	(585/241.ccls. or S23 or S24) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 12:57
S36	4	(585/241.ccls. or S23 or S24) and fuller's adj earth with (filter or filtration or adsorb\$4 or \$4sorb\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 12:58

## EAST Search History

S37	8	(585/241.ccls. or S23 or S24) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (pyrolysis or pyrolize or thermal\$4 adj decompos\$5 or thermal\$4 adj crack\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 13:16
S38	8	(585/241.ccls. or S23 or S24) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (pyrolysis or pyrolize or thermal\$4 adj decompos\$4 or thermal\$4 adj decomposition or thermal\$4 adj crack\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 13:19
S39	14	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls.) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (pyrolysis or pyrolize or thermal\$4 adj decompos\$4 or thermal\$4 adj decomposition or thermal\$4 adj crack\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 13:40
S40	15	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls. or 208/305.ccls. or 208/254R.ccls. or 208/208R.ccls.) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 13:49
S41	1	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls. or 208/305.ccls. or 208/254R.ccls. or 208/208R.ccls.) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (pyrolysis or pyrolize or thermal\$4 adj decompos\$4 or thermal\$4 adj decomposition or thermal\$4 adj crack\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 13:30
S42	1	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls. or 208/305.ccls. or 208/254R.ccls. or 208/208R.ccls.) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (animal or manure or crop)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 13:38

## EAST Search History

S43	11	(585/241.ccls. or S23 or S24) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 13:38
S44	19	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls.) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or thermal adj decomposition or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 13:48
S45	2	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls. or 208/305.ccls. or 208/254R.ccls. or 208/208R.ccls.) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 13:53
S48	2	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls. or 208/305.ccls. or 208/254R.ccls. or 208/208R.ccls.) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (polmer\$4 or thermoplastic or polyethylene or polypropylene or polystyrene) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 13:54
S49	8	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls. or 208/305.ccls. or 208/254R.ccls. or 208/208R.ccls.) and clay with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (polymer\$4 or thermoplastic or polyethylene or polypropylene or polystyrene) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:18

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S50	5	(585/241.ccls. or S23 or S24) and (thermoplastic or polyethylene or polypropylene or polystyrene) and clay with (filter or filtration or \$4sorb\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:06
S51	90	(585/241.ccls. or S23 or S24) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (filter or filtration or \$4sorb\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:06
S52	106	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls. or 208/305.ccls. or 208/254R.ccls. or 208/208R.ccls.) and (filter or filtration or adsorb\$4 or \$4sorb\$4) and (polymer\$4 or thermoplastic or polyethylene or polypropylene or polystyrene) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:57
S53	10	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls. or 208/305.ccls. or 208/254R.ccls. or 208/208R.ccls.) and (clay or fuller's adj earth) same (filter or filtration or adsorb\$4 or \$4sorb\$4) and (polymer\$4 or thermoplastic or polyethylene or polypropylene or polystyrene) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:42
S54	29	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls. or 208/305.ccls. or 208/254R.ccls. or 208/208R.ccls.) and temperature with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (polymer\$4 or thermoplastic or polyethylene or polypropylene or polystyrene) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:45

## EAST Search History

S55	25	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls.) and temperature with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (polymer\$4 or thermoplastic or polyethylene or polypropylene or polystyrene) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:46
S56	39	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls.) and temperature with (filter or filtration or adsorb\$4 or \$4sorb\$4) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:51
S57	2	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls.) and temperature with (filter or filtration or adsorb\$4 or \$4sorb\$4) with (clay or fuller's adj earth) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:52
S58	18	(585/241.ccls. or S23 or S24 or 208/262.1.ccls. or 208/299.ccls. or 208/307.ccls. or 208/305.ccls. or 208/254R.ccls. or 208/208R.ccls.) and (filter or filtration or adsorb\$4 or \$4sorb\$4) and (polymer\$4 or thermoplastic or polyethylene or polypropylene or polystyrene) and (animal or manure or crop) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:57
S59	4	S23 and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 15:53
S60	2	S23 and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (crop or plant or manure or animal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 15:55

## EAST Search History

S61	57	(S23 or S24 or 585/241.ccls.)and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (crop or plant or manure or animal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 15:55
S62	57	(S23 or S24 or 585/241.ccls.) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (crop or plant or manure or animal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 15:56
S63	2	(S23 or S24 or 585/241.ccls.) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (crop or manure or animal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 15:58
S64	79	(S23 or S24 or 585/241.ccls.) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (crop or residu\$4 or manure or animal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 15:58
S65	10	(S23 or S24 or 585/241.ccls.) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4) and (thermoplastic or polyethylene or polypropylene or polystyrene) and (crop or plant with residu\$4 or manure or animal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 16:09
S66	28	(S23 or S24 or 585/241.ccls.) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4 or thermal\$4 adj treat\$4) and (crop or plant with residu\$4 or manure or animal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 16:10
S67	27	(S23 or S24 or 585/241.ccls.) and (pyrolysis or pyrolize or themal\$4 adj decompos\$4 or themal\$4 adj crack\$4) and (crop or plant with residu\$4 or manure or animal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 17:16